RECEIVED
CENTRAL FAX CENTER
DEC 04 2007

AMENDMENTS TO SPECIFICATION

Applicants submit herewith a clean copy of the paragraph beginning on line 28 of Column 5 and including the change listed in the Certificate of Correction dated April 6, 2004 issued in U.S. Patent No. 6,672,846.

In order to unload compressor system 110, solenoid valve 120 will be actuated (or it will be deactuated) by control module 122 in response to sensor array 124. When solenoid valve 120 is actuated (or unactuated), suction pressure chamber 90 is in direct communication with chamber 146 through suction fitting 18, tube 152, solenoid valve 120 and tube 150. With the discharge pressure pressurized fluid released to suction from chamber 146, the pressure difference on opposite sides of piston 116 will move non-orbiting scroll member 70 to the right as shown in FIG. 2 to separate the axial end of the tips of each scroll member with its respective end plate and the higher pressurized pockets will bleed to the lower pressurized pockets and eventually to suction pressure chamber 90. Orifice 144 is incorporated to control the flow of discharge gas between discharge pressure chamber 80 and chamber 146. Thus, when chamber 146 is connected to the suction side of the compressor, the pressure difference on opposite sides of piston 116 will be created. A wave spring 160 is incorporated to maintain the sealing relationship between floating seal assembly 84 and partition 22 during modulation of non-orbiting scroll member 70. When a gap is created between the two scroll members 56 and 70, the continued compression of the suction gas will be eliminated. When this unloading occurs, discharge valve 130 will move to its closed position thereby preventing the backflow of high pressurized fluid from discharge pressure chamber 80 or the downstream refrigeration system. When compression of the

suction gas is to be resumed, solenoid valve 120 will be deactuated (or it will be actuated) to again block fluid flow between tubes 150 and 152 allowing chamber 146 to be pressurized by discharge pressure chamber 80 through passageway 142 and orifice 144.